

Game of Hunt - Cryptic PDF Voyage

Step 1:

- Download the given challenge file , and try to understand the binary numbers in the text files.
- Those are single bytes split. So, if we convert all the binary numbers to equivalent ASCII, we'll get the random byte series.

Step 2:

- Now check on the hint, **Hint: Check the bytes upside down**
- so reverse the bytes , use cyberchef as we used in previous challenge.

The screenshot shows the CyberChef web application. On the left, the 'Recipe' panel is set to 'From Binary' with a 'Byte Length' of 8 and the 'Reverse' operation selected with 'By Byte'. The 'Input' panel contains a large block of binary data (0s and 1s). The 'Output' panel shows the result of reversing the bytes, which is a hex dump of a ZIP file header. The hex dump starts with 'PK' (0x50 0x4b) and contains various fields like version, flags, and file names, though they are mostly obscured by noise due to the challenge's nature.

Step 3:

- Now we can see that file header correctly , its PK so its PKZIP format - ZIP achieve
- Save the file and extract, in that there is a folder called "ilovepdfs" - contains many PDFs

Step 4:

- Identify the difference on those files, check on the size , only one file has size difference

	document_82	23-08-2023 11:15 AM	Firefox PDF Docu...	2 KB
	document_83	24-08-2023 12:42 AM	Firefox PDF Docu...	7 KB

- In that pdf you can see the hidden secret

How do you feel now, find the hidden esolang :)

Step 5:

- To see the secret , just copy all and paste it in notepad.

How do you feel now, find the hidden esolang :)

```
+++++++[>+>++++>+++++++>+++++++<<<<-]>>>>+.,++++.,-----.  
+++++.,+++++++>+++++.,<+++++++>-----.,+++++.  
<+++++.,+>--.<++++.,-----.>+.,<+++++++.,--.,-----.,+++++.,+++.  
+++++.,-----.,>-.+.,+++++++.
```

Step 6:

- Try to search for popular esoteric languages

Brainfuck [\[edit \]](#)

Brainfuck is designed for extreme minimalism and leads to obfuscated code, with programs containing only eight distinct characters. The following program outputs "Hello, world!":^[14]

```
+++++++[>+++++>++++++>+<<-]>+. .+++++  
..+++>+.<+++++++>. .+.- - - .- - - .>+.
```

All characters other than `+<>.[]` are ignored.

Step 7:

- Use an interpreter for the specific programming language

[illegible]

- Flag is yours :)